

WHAT IS CLAIMED IS:

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1. A pharmaceutical/cosmetic composition of matter, comprising an anti-inflammatory effective amount of at least one peptide containing the lysine-proline-valine tripeptide sequence, the proline moiety of which existing in its dextrorotatory optical isomer form (DPro), or functional biological equivalent thereof, in a physiologically/pharmaceutically acceptable medium therefor.
- 10 2. The pharmaceutical/cosmetic composition as defined in Claim 1, said tripeptide sequence being situated at the C-terminal end of said at least one peptide.
- 15 3. The pharmaceutical/cosmetic composition as defined in Claim 1, said at least one peptide comprising the lysine-proline-valine tripeptide, the proline moiety of which existing in its dextrorotatory optical isomer form (DPro).
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- 20 4. The ^{method} ~~pharmaceutical/cosmetic composition~~ as defined in Claim 1, said at least one peptide comprising the lysine-proline-valine tripeptide, the lysine, proline and valine moieties of which ^{existing} ~~existing~~ in their dextrorotatory optical isomer forms (D-Lys-D-Pro-D-Val).
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- 25 5. The pharmaceutical/cosmetic composition as defined in Claim 1, said at least one peptide including at least one protective group therefor.
- a²⁷

a

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a

Q
a

Q
Q

aa

a

13. The regime as defined by Claim 12, comprising topically administering said pharmaceutical/cosmetic composition to such mammalian organism.

5 14. The regime as defined by Claim 13, comprising topically applying said pharmaceutical/cosmetic composition to the skin, scalp and/or mucous membranes of such mammalian organism.

10 15. The pharmaceutical/cosmetic composition as defined in Claim 1, further comprising an effective anti-inflammatory amount of at least one glucocorticoid, vitamin D or derivative thereof, and/or non-steroidal anti-inflammatory agent.

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